

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	6	((("5745869") or ("6454217") or ("6577929")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/06 07:02
S2	7	"621097".ap.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/06 07:03
S3	372	(701/13).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/18 16:32
S4	92	S3 and gyroscope	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/06 11:06
S5	586	(701/4).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/18 16:33
S6	23	S5 and camera	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/06 11:31
S7	85	S5 and gyroscope not S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/06 12:53
S8	128	(701/222).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/18 16:33
S9	39	S8 and gyroscope	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/06 12:54

## EAST Search History

S10	100	(US-6577929-\$ or US-5177686-\$ or US-5223702-\$ or US-5809457-\$ or US-6145790-\$ or US-5189295-\$ or US-5319968-\$ or US-5319969-\$ or US-5837894-\$ or US-6012000-\$ or US-6047226-\$ or US-6131068-\$ or US-6195044-\$ or US-6285927-\$ or US-6330988-\$ or US-6362464-\$ or US-6463365-\$ or US-5682332-\$ or US-6463366-\$ or US-5852792-\$ or US-6162123-\$ or US-6463364-\$ or US-6478260-\$ or US-6588708-\$ or US-6681159-\$ or US-5745869-\$). did. or (US-4386848-\$ or US-5368271-\$ or US-5790071-\$ or US-5844232-\$ or US-6260805-\$ or US-5900925-\$ or US-5956190-\$ or US-5963166-\$ or US-5978716-\$ or US-6000661-\$ or US-6023291-\$ or US-6102338-\$ or US-6191842-\$ or US-6227496-\$ or US-6650360-\$ or US-5473746-\$ or US-4618259-\$ or US-H000712-\$ or US-5012081-\$ or US-5204818-\$ or US-5206499-\$ or US-5259577-\$ or US-5360184-\$ or US-5546309-\$ or US-5808732-\$ or US-6356815-\$ or US-6454217-\$). did. or (US-4949026-\$ or US-5644078-\$ or US-5913078-\$ or US-5995758-\$ or US-6029516-\$ or US-5821526-\$ or US-4958223-\$ or US-5935195-\$ or US-5558305-\$ or US-5943009-\$ or US-6076772-\$ or US-6237496-\$ or US-3596523-\$ or US-3570788-\$ or US-3698823-\$ or US-3638883-\$ or US-3924824-\$ or US-3902374-\$ or US-3847026-\$ or US-4011440-\$ or US-4017187-\$ or US-4025230-\$ or US-4061043-\$ or US-4159690-\$ or US-4070674-\$ or US-4123019-\$ or US-4242917-\$). did. or (US-4244215-\$ or US-4259871-\$ or US-4262861-\$ or US-4275604-\$ or US-4297905-\$ or US-4300736-\$ or US-4318522-\$ or US-4374577-\$ or US-4389028-\$ or US-4442490-\$ or US-4445377-\$ or US-4467984-\$ or US-4481586-\$ or US-4524619-\$ or US-4527439-\$ or US-4538461-\$ or US-4561188-\$ or US-4572670-\$ or US-4580270-\$ or US-4598884-\$).did.	USPAT	OR	ON	2005/12/06 14:18
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## EAST Search History

S11	993	(244/164,165,171).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/18 16:33
S12	54	S11 and camera	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/06 15:41
S13	3	inertial with stellar with attitude with sensor and camera same gyroscope	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/06 16:51
S14	14	inertial with stellar with attitude with sensor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/06 16:51
S15	100	camera same gyroscope same attitude	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 07:01
S16	6	"three axis gyroscope system"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 11:13
S17	86	"three axis gyroscope"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 11:14
S18	11	"three axis gyroscope" and "701". clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 11:15
S19	16	(MEM or "micro-electromechanical gyroscope" or "micro electromechanical gyroscope" or "microelectromechanical gyroscope") and "three axis gyroscope"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/08 08:24

## EAST Search History

S20	70	("star tracker" or "star camera") same (APS or "active pixel sensor")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 14:02
S21	14	("star camera" or "star tracker") same digital same analog	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 15:42
S22	3	("star camera" or "star tracker") same digital same analog and gyroscope same digital same analog	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 15:42
S24	183	"field programmable gate array" and "701".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/08 07:49
S25	19	"field programmable gate array" and (701/13.ccls. or 701/4.ccls. or 244/164.ccls. or 244/165.ccls. or 244/171.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/08 09:09
S26	31	gyroscope same "angular rate" same reference same temperature same rate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/08 08:24
S27	1	"field programmable gate array" and (701/13.ccls. or 701/4.ccls. or 244/164.ccls. or 244/165.ccls. or 244/171.ccls.) and "command circuit"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/08 09:09
S28	158	"state kalman filter" or "27 state kalman filter"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/08 10:32
S29	1	"27 state kalman filter"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/08 10:57
S30	192	gyroscope with analog with digital	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/08 10:58

## EAST Search History

S31	26	gyroscope with analog with digital and "701".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/08 10:59
S32	35016	gyroscope with analog with digital with converter and "701".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/08 10:59
S33	13	gyroscope with analog with digital with converter and "701".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/08 11:29
S34	2	star with analog with digital with converter and "701".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/08 11:21
S35	36	star with analog with digital with converter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/08 11:01
S36	1	gyroscope with analog with digital with converter same "digital data stream"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/08 11:21
S37	9	gyroscope with reference with rate with temperature	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/08 13:12
S38	11	(gyro or gyroscope) with reference with rate with temperature	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/12 07:32
S39	1	gyroscope same star same pattern same isolate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/08 13:28
S40	1	star with (camera or tracker) same "camera register" same rate same acquisition	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/08 13:36

## EAST Search History

S41	1	star with (camera or tracker) same "camera register"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/08 13:36
S42	25	star with (camera or tracker) same register	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/08 13:40
S43	2	star with (camera or tracker) same register and gyroscope same register	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/08 13:43
S44	4	"data stream packer"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/08 14:03
S45	0	attitude with convert with star with initial	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/08 14:04
S46	1	attitude with convert\$3 with star with initial	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/08 14:04
S47	7788	count\$3 with propagat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/08 14:12
S48	58	count\$3 with propagat\$3 and "701". clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/08 14:12
S49	1	gyroscope with star with (camera or tracker) with housing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/08 16:25
S50	77	data with stream with packer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/12 07:06

## EAST Search History

S51	44	"data stream" with packer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/12 07:03
S52	33	S50 not S51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/12 07:06
S53	0	"data packer" and "701".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/12 07:06
S54	0	data with stream with packer and "701".ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/12 07:06
S55	1	data with stream with packer and "701".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/12 07:06
S56	1	gyroscope with memory and gyroscope same rate with processor and gyroscope same data with reader	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/12 07:23
S57	168	gyroscope same compensator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/12 07:23
S58	22754	gyroscope withcompensator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/12 07:23
S59	81	gyroscope with compensator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/12 07:24
S60	339	(gyro or gyroscope) with (reference and rate and temperature)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/12 07:32

## EAST Search History

S61	19	propagat\$3 same counter same attitude	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/12 15:15
S62	25	propagat\$3 same (count or counter) same attitude	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/12 15:15
S63	9	propagat\$3 same (count) same attitude	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/12 15:15
S64	7800	count\$3 with propagat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/20 14:46
S65	129	count\$3 with propagat\$3 and attitude	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/20 14:46
S66	1	count\$3 with propagat\$3 and attitude and stellar	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/20 14:46
S67	372	(701/13).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/20 14:57
S68	2411	"gating device"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/21 08:19
S69	13	"gating device" and gyroscope	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/21 08:19



## EAST Search History

S70	26	("4617634"   "4621329"   "4658361"   "4680716"   "4680718"   "4746976"   "4944587"   "5109346"   "5177686"   "5204818"   "5412574"   "5473746"   "5508932"   "5745869"   "5935195").PN. OR ("6108594").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/20 10:13
S71	2	star with camera same gyroscope same integrat\$3 same output	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/11 11:42
S72	10	star with camera same gyroscope	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/11 11:42
S73	14	star with (camera or track\$3) same gyroscope same integrat\$3 same output	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/13 13:46
S74	4	synchronous\$3 same integrat\$3 same star with (track\$3 or camera) same gyroscope	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/13 13:47
S75	21	integrat\$3 same star with (track\$3 or camera) same gyroscope	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/13 13:47
S76	400	(701/13).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/18 16:32
S77	624	(701/4).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/18 16:33
S78	145	(701/222).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/18 16:33

## EAST Search History

S79	1024	(244/164,165,171).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/18 16:33
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